

Survey.

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UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE
ENTOMOLOGY RESEARCH BRANCH

MAR 23 1955

P. O. Box 3391
Orlando, Florida
March 21, 1955

To: Dr. R. C. Bushland, P. O. Box 232, Kerrville, Texas

From: C. C. Skipper

Subject: Screw-worm Survey

Enclosed find my overwintering survey report.

I have your letter of March 18. If, after reading my report, you think I should do further work on the survey please advise me at Avon Park, Florida at once. In the meantime I shall be working as per your instructions in Par. 3 of your letter of March 14, 1955.

C. C. Skipper

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C. C. Skipper

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Entomology Research Branch

P. O. Box 232

Kerrville, Texas

March 4, 1955

To: A. W. Lindquist, Head, Section of Insects Affecting
Man and Animals

From: R. C. Bushland, In Charge

Subject: Florida Screw-worm Survey

Enclosed herewith are the original and two copies of a report by W. D. New on his mid-winter screw-worm survey in Florida.

Would you please transmit one copy of this report to the Economic Insect Survey Section and advise that agency that we will give them a definite report on overwintering in Florida in April when Mr. Skipper completes his survey.

We have sent copies of this report to the Florida Director of Extension, State Entomologist and State Veterinarian.

We also sent a copy to Mr. C. C. Skipper, Avon Park, Florida, for his guidance when he starts his detailed survey March 15.

Enclosures

Service
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for his guidance when he starts his detailed survey March 15.

Enclosures

Swine Survey 3/3/55

**MID-WINTER SCREW-WORM SURVEY IN FLORIDA
January 17 - 26, 1955**

**W. D. Now
U. S. D. A., Agr. Res. Serv.,
Entomology Research Branch
Kerrville, Texas**

During the period January 17 to 26 a preliminary survey was made to obtain an estimate of the northern limits of screw-worm activity in Florida. The writer talked with county agents, veterinarians, insecticide dealers and livestock owners in the area surveyed.

The interviews indicated that screw-worms had not been active in the northernmost counties of Peninsular Florida during December and January. There is marked on the attached map a line showing the approximate limits of mid-winter screw-worm activity. A more thorough survey in the early spring will be required to definitely establish the limits of overwintering.

A summary of the findings by counties follows:

Levy County, no county agent

Heavy infestation of screw-worms until December 15, 1954. Due to two weeks of cold weather and heavy frost the screw-worm infestation has been light since that time. Three cases of screw-worms in navels of young calves and one case in the navel of a kid goat reported during early January near Williston. One navel case and one case in hog castration during January reported near Chiefton.

Dixie County, D. E. Adams, County Agent

The county agent, local veterinarian and stockmen were contacted in Dixie County. One navel case of screw-worms was reported in a calf the latter part of December. One screw-worm case in accidental wound (cut on cow leg) reported during early January. Heavy infestation of screw-worms reported by all contacts until the early part of December. The supply stores reported one sale of screw-worm smear during December and January.

Taylor County, R. Davis, County Agent

Unable to contact the county agent. Information was obtained from the local veterinarian, supply stores and five stockmen in Taylor County. All contacts reported no screw-worm cases since early December. The supply stores reported no sales of screw-worm smear since November 1954.

MID-WINTER BORER-WEED SURVEY IN FLORIDA

January 17 - 1935

H. D. Lee
H. D. Lee, Jr., Asst. Entomologist
Entomology Research Branch
Kearville, Tenn.

During the period January 17 to 25 a preliminary survey was made to obtain an estimate of the northern limits of borer-weed activity in Florida. The writer talked with county agents, veterinarians, insecticide dealers and livestock owners in the area surveyed.

The interviews indicated that borer-weeds had not been active in the northernmost sections of Peninsular Florida during December and January. There is much on the subject and a line showing the approximate limits of mid-winter borer-weed activity. A more thorough survey in the early spring will be required to definitely establish the limits of overwintering.

A summary of the findings by counties follows:

Alachua County, no county agent

Heavy infestation of borer-weeds until December 15, 1934. Two to two weeks of cold weather and heavy frost the borer-weed infestation has been light since that time. There were at least one case in each of young calves and one case in the rear of a hind foot reported during early January near Williston. One heavy case and one case in hog pastures during January reported near Williston.

Alaqua County, H. D. Adams, County Agent

The county agent, local veterinarian and stockmen were contacted in Alaqua County. One heavy case of borer-weeds was reported in a calf the latter part of December. One borer-weed case in residential woods (but no cow tag) reported during early January. Heavy infestation of borer-weeds reported by all contacts until the early part of December. The supply stores reported one case of borer-weed cases during December and January.

Bay County, H. Davis, County Agent

Unable to contact the county agent. Information was obtained from the local veterinarian, supply stores and live stockmen in Bay County. All contacts reported no borer-weed cases since early December. The supply stores reported no cases of borer-weed cases since November 1934.

Gilchrist County, L. G. Cobb, County Agent

Contacted three stockmen in Gilchrist County. All reported continuous screw-worm cases. Heavy infestations of screw-worms until December 15. Light infestations since that time. Four screw-worm cases in navels reported during early January and two screw-worm cases in accidental wounds.

Suwannee County, P. Cross, County Agent

Contacted the local veterinarian, supply stores and stockmen in Suwannee County. All reported no screw-worm cases since December 10. A heavy infestation of screw-worm cases reported during the summer and fall of 1954. The supply stores reported no sales of screw-worm snear during December and January.

Lafayette County, B. L. Brothers, County Agent

No screw-worm cases reported in the central and northern part of Lafayette County since December 15. One screw-worm case reported in the navel of a calf near Grady in the lower part of the County during the first week in January. Information was obtained from the county agent, supply stores and stockmen in Lafayette County.

Columbia County, L. Duke, County Agent

Information was obtained from the county agent, local veterinarian and stockmen in Columbia County. All contacts reported no screw-worm cases since early December. The supply stores reported no sales of screw-worm snears during December and January.

Alachua County, L. Blitch, County Agent

Only stockmen were contacted in Alachua County. All reported continuous screw-worm cases. A light infestation of screw-worms during the latter part of December and early January. Three navel cases, one accidental wound and one case in hog castration reported by the stockmen.

Union County, J. Cowen, County Agent

The stockmen contacted in Union County reported no screw-worm cases since early December. No other contacts made. All contacts reported a heavy infestation of screw-worms until early November. The supply stores reported no sales of screw-worm snear during December and January.

Bradford County, G. T. Huggins, County Agent

Few contacts made in Bradford County. Information was obtained from the local veterinarian and stockmen. Two navel cases reported during the latter part of December and two cases reported in early January. No sales of screw-worm snear reported during December and January.

Alameda County, L. J. Smith, County Agent

Contacted three stations in Alameda County. All reported no
known cases. Heavy infestation of cotton-wool cases until
December 15. Light infestation since that time. Four cotton-wool
cases in heavy reported during early January and two cotton-wool cases
in scattered reports.

Alameda County, L. J. Smith, County Agent

Contacted the local veterinarian, supply stores and stations in
Alameda County. All reported no cotton-wool cases since December 15.
A heavy infestation of cotton-wool cases reported during the winter and
fall of 1934. The supply stores reported no sales of cotton-wool cases
during December and January.

Alameda County, L. J. Smith, County Agent

No cotton-wool cases reported in the central and northern part of
Alameda County since December 15. The cotton-wool cases reported in the
south of a half hour. In the latter part of the winter during the
first week in January. Information was obtained from the county agent
supply stores and stations in Alameda County.

Alameda County, L. J. Smith, County Agent

Information was obtained from the county agent, local veterinarian
and stations in Alameda County. All reported no cotton-wool
cases since early December. The supply stores reported no sales of
cotton-wool cases during December and January.

Alameda County, L. J. Smith, County Agent

Only stations were contacted in Alameda County. All reported
no cotton-wool cases. A light infestation of cotton-wool cases during
the latter part of December and early January. Three heavy cases, one
moderate wound and one case in hot infestation reported by the station.

Alameda County, L. J. Smith, County Agent

The stations contacted in Alameda County reported no cotton-wool cases
since early December. In other counties made. All reported no
heavy infestation of cotton-wool cases until early December. The supply stores
reported no sales of cotton-wool cases during December and January.

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The stations made in Alameda County. Information was obtained
from the local veterinarian and stations. Two heavy cases reported
during the latter part of December and two cases reported in early
January. No sales of cotton-wool cases reported during December and
January.

Nassau County, G. B. Ellis, County Agent

The stockmen on the four large ranches contacted in Nassau County reported no screw-worm cases during the latter part of December and early January. No other contacts made.

Duval County, S. A. Lawton, County Agent

Information was obtained from the county agent, two local veterinarians and stockmen in the western part of Duval County. All contacts reported no screw-worm cases since early December, 1954.

St. Johns County, P. R. McMullen, County Agent

Information was obtained from the local veterinarian and stockmen in St. Johns County. The local veterinarian reported one screw-worm case in a cut on a dog during early January. Mr. Wolfe, in the western part of county, close to St. Johns River, reported continuous screw-worm cases. During December, 10 percent of the young calves had navel cases. Three cases reported by Mr. Wolfe during early January.

Flagler County, P. Polhill, County Agent

Contacted the county agent and stockmen in Flagler County. All contacts reports screw-worm cases during the latter part of December and early January. Cases in navels of young calves and in accidental wounds were reported.

Clay County, B. C. Brushalow, County Agent

Only stockmen were contacted in Clay County. Continuous screw-worm cases reported. Cases in navel and accidental wounds reported by the stockmen. Cases reported were in the lowlands along the St. Johns River.

Western County, O. H. Hills, County Agent

The specimen on the first large specimen contacted in Western County reported no serious cases during the latter part of December and early January. No other contacts noted.

Local County, O. A. Lander, County Agent

Information was obtained from the county agent, two local veterinarians and specimen in the western part of Local County. All contacts reported no serious cases since early November, 1931.

St. John County, T. M. Hamilton, County Agent

Information was obtained from the local veterinarian and specimen in St. John County. The local veterinarian reported no serious cases in a day or two during early January. Dr. Wells, in the western part of county, also to St. John River, reported continuous serious cases during December. In part of the young calves and in calves. These cases reported by Dr. Wells during early January.

Wesley County, R. Collins, County Agent

Contacted the county agent and specimen in Wesley County. All contacts reported serious cases during the latter part of December and early January. Cases in calves of young calves and in accidental wounds were reported.

Clay County, D. S. Strickland, County Agent

Only a specimen was contacted in Clay County. Continuous serious cases were reported. Cases in calves and accidental wounds reported by the specimen. Cases reported were in the calves along the St. John River.

The specimen was contacted in early January. All contacts reported serious cases during the latter part of December and early January. Cases in calves and in accidental wounds were reported.

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FLORIDA, 1939



